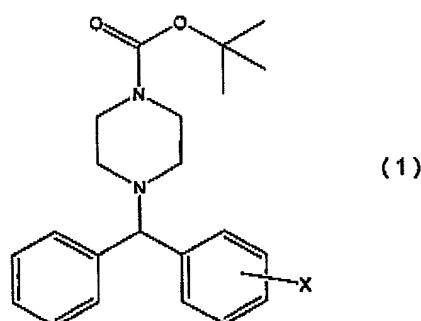


ABSTRACT OF THE DISCLOSURE

There is provided a 4-(tert-butoxycarbonyl)piperazine compound of formula (1)



5 wherein X denotes a chlorine atom, a C1-C3 alkyl group or a C1-C3 alkoxy group, an optical isomer present therein.